GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1495
ANSWERED ON:09.03.2017
IRTC
Chauhan Shri Devusinh Jesingbhai;Rawal Shri Paresh

Will the Minister of POWER be pleased to state:

(a) the policy of the Government regarding providing Inter-Regional Transmission Corridor (IRTC) for supply of power from surplus States to deficit States;

(b) the action taken by the Union Government so far to implement the policy;

(c) whether the Government is contemplating any immediate action to strengthen corridor/links and to lay express Direct Corridors for flow of electricity from Surplus Power States such as Gujarat to power deficit States, specially to Southern region from Western region;

(d) whether the Government proposes to utilize the funds lying in PSDF for immediate creation/strengthening of India- Regional Transmission Links, so as to avoid the situation of generation capacity getting strangled or demand getting curtailed; and

(e) if so, the details thereof and the steps proposed to be taken thereon?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : The inter regional transmission links are planned and implemented as a part of the evacuation system from inter state generation stations and also as system strengthening projects. These lines are mainly used for delivery of power from these generating stations to their beneficiaries in various states. These are also used for transfer of power from surplus states/regions to deficit states/regions on short term basis, subject to availability of margins in these lines.

A number of inter regional links have been planned which interconnect the five regional grids i.e. Northern, Western, Southern, Eastern and North Eastern regions. Presently, the total transmission capacity of such inter-regional links is 63650 MW (as on January, 2017).

(c) : As on date, no such application, under applicable regulation of Central Electricity Regulatory Commission (CERC), has been received from Govt of Gujarat to transfer its surplus power to Southern Region. However, the information regarding existing and planned / under implementation inter regional corridors between western and southern region are as follows:

Existing Inter Regional Transmission Corridors between Western and Southern Region:

1. Chandrapur HVDC back-to-back
2. Kolhapur-Belgaum 220kV D/C
3. Ponda - Nagajhari 220kV D/C
4. Raichur - Sholapur 765 kV 2 X S/C line
5. Narendra - Kolhapur 765kV D/C (charged at 400kV)

Planned/Under Implementation Inter Regional Transmission Corridors between Western and Southern Region:

1. Wardha - Hyderabad 765kV D/c line
2. Warora Pool - Warangal (New) 765 kV D/c line
3. Raigarh-Pugalur HVDC line
4. LILO of one circuit of Narendra (New) − Narendra (Existing) D/C at Xeldam so as to form Narendra (New) - Xeldam 400 kV S/C & Narendra (Existing) − Xeldam 400 kV S/C

(d) & (e) : Government of India has approved the scheme for operationisation of Power System Development Fund (PSDF) on 10th January, 2014. PSDF can be utilized, inter alia, for creating necessary transmission systems of strategic importance based on operational feedback by Load Despatch Centres for relieving congestion in Inter-State Transmission Systems (ISTS) and intra-state system which are incidental to the ISTS. This fund can also be utilized for Renovation & Modernization of transmission and distribution systems for relieving congestion. As of now, 57 projects have been sanctioned under PSDF scheme, at the cost of Rs.7268 Crores.

****